To clean up or prep concrete floors, you should rent a **concrete floor grinder** (not a wood floor sander). Standard wood sanders will ruin their sandpaper and fail on hard stone. Local tool shops and major home improvement hubs like the Home Depot Rental Center carry walk-behind single-disc or multi-disc diamond concrete grinders designed specifically to strip sealers, smooth rough spots, and clean masonry. The Home Depot +2

Types of Concrete Floor Machines to Rent

- **Walk-Behind Single/Multi-Disc Grinder:** Best for open spaces; uses heavy diamond-segment plates to grind down high spots, glue, or old paint. United Rentals +1
- **Handheld Angle Grinder (with a diamond cup wheel):** Best for edges, corners, and tight spaces the large walk-behind machine cannot reach. Reddit · r/Flooring
- **Dust Extractor / Industrial Vacuum:** Essential rental add-on; concrete grinding creates massive amounts of fine silica dust that requires a HEPA vacuum hookup.

Key Tips for Your Project

- **Match the Tool to the Goal:** Use coarse diamond segments (low grit number like 16 or 30) for removing thin epoxies, thinset, or heavy dirt, and finer bonds to polish or smooth.
- **Control the Dust:** Always connect a compatible commercial dust vacuum to the grinder's shroud.
- **Protect Yourself:** Wear a properly fitted respirator mask, eye protection, and ear protection. United Rentals +1